

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-016540

(43)Date of publication of application : 21.01.1992

(51)Int.Cl.

C04B 28/34  
A61K 6/033  
A61L 25/00  
A61L 27/00  
C04B 22/12  
C04B 24/04

(21)Application number : 02-117445

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(22)Date of filing : 09.05.1990

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## (54) HYDRAULIC CALCIUM PHOSPHATE CEMENT COMPOSITION

### (57)Abstract:

**PURPOSE:** To obtain a cured body which rapidly cures at about neutral pH and has high strength and excellent bio-affinity by constituting the cured matter of the cement compsn. contg. a specific powder material mixture consisting of  $\alpha$  type calcium ternary phosphate and calcium primary phosphate and a hardening liquid and further compounding water-soluble sodium salts with this compsn.

**CONSTITUTION:** This hydraulic calcium phosphate cement compsn. is constituted of the cement compsn. contg. the powder material mixture of 1.400 to 1.498Ca/P molar ratio of the  $\alpha$  type calcium ternary phosphate and calcium primary phosphate and the hardening liquid. In addition, the water-soluble sodium salts are incorporated into the above-mentioned powder material mixture and/or hardening liquid. The above-mentioned curing liquid is not particularly limited and is exemplified by, for example, water. The water-soluble sodium salts are exemplified by, for example, sodium succinate, sodium lactate, sodium acetate, sodium chloride, etc.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]